

Manufacturer BOM Report

Item Number: 700-50592

Description: PWA, UCANS32K1S1C

Item Revision: A ECO142336

Sites: ALL

| Level | Subclass                                                                  | Number               | Rev                                         | Description                                                 | Find Num        | Qty   | Ref Des                               | Sites | PLC Code/PAO Code | Assembly flow ID / Pack Slip | Lifecycle Phase / Item Lifecycle Phase | Overall Compliance | Lifecycle Phase |
|-------|---------------------------------------------------------------------------|----------------------|---------------------------------------------|-------------------------------------------------------------|-----------------|-------|---------------------------------------|-------|-------------------|------------------------------|----------------------------------------|--------------------|-----------------|
|       | Mfr. Name ~ Location / Mfr. Name                                          | Mfr. Part Number     | Mfr Part Status / Mfr. Part Lifecycle Phase | Preferred Status                                            | Reference Notes | Sites |                                       |       |                   |                              |                                        |                    |                 |
| 0     | Part                                                                      | 700-50592            | A ECO142336                                 | PWA, UCANS32K1S1C                                           |                 |       |                                       | ALL   |                   |                              |                                        | Missing Info       | Production      |
|       | Vekatech Ltd.                                                             | 700-50592            | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 1     | Part                                                                      | 170-50592            | A ECO141876                                 | PWB, UCANS32K1S1C                                           | 1               | 1     |                                       |       |                   |                              | Production                             | Missing Info       | Production      |
|       | Vekatech Ltd.                                                             | 170-50592_A          | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 1     | Part                                                                      | 750-50592            | A ECO133791                                 | SUB ASSEMBLY, SCHEMATIC PARTS, 700-50592, UCANS32K1S1C      | 1000            | 1     |                                       |       |                   |                              | Production                             | Missing Info       | Production      |
| 2     | CADPart                                                                   | 150-30004            | A MC057721                                  | CAP CER 470pF 50V 5% COG 0402                               | 0               | 1     | C68                                   | 0 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | KEMET                                                                     | 00402C471J5GACTU     | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | MURATA                                                                    | GRM1555C1H471JA01D   | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-30180            | A MC057721                                  | CAP CER 12PF 25V 5% COG 0402                                | 0               | 2     | C88,C89                               | 0 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | KEMET                                                                     | 00402C120J3GAC7867   | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-30230            | A MC058546                                  | CAP TANT 10UF ESR 2.100 OHM 20V 10% - 3528-21               | 0               | 1     | CP2                                   | 0 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | AVX                                                                       | TAJ8106K020R9N       | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | KEMET                                                                     | T4918106K020AT       | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-75182            | A1 MC055886                                 | CAP CER 0.1UF 16V 10% X7R 0402                              | 0               | 13    | C4-C7,C11,C37,C38,C40-C42,C44,C66,C67 | 1 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | AVX                                                                       | 0402YC104KAT2A       | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | CAL-CHIP                                                                  | GMCD0407R104K16NT-LF | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | KEMET                                                                     | 00402C104K4RAC       | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | SKYMOS                                                                    | 0402B104K160NT       | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | TDK                                                                       | C1005X7R1C104KT      | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | VENKEL COMPANY                                                            | 00402X7R160-104KNE   | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | VENKEL COMPANY                                                            | 00402X7R160-104KNP   | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | VENKEL COMPANY                                                            | 00402X7R160-104KSNE  | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | WALSIN TECHNOLOGY CORP.                                                   | 0402B104K160CT       | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | WURTH ELEKTRONIK ESOS GMBH & CO. KG (ELECTRONIC & ELECTROMECHANICAL COMP) | 885012205037         | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | YAGEO AMERICA                                                             | CC0402KRX7R78B104    | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-75597            | A1 MC057722                                 | CAP CER 0.033UF 10V 10% X7R 0402                            | 0               | 2     | C17,C30                               | 1 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | SMEC                                                                      | MCCB333KONRTF        | ROHS Active                                 | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | Yageo                                                                     | CC0402K9X7R68B833    | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-79092            | A MC034818                                  | CAP CER 10uF 16V 20% X5R 0603                               | 0               | 3     | C1,C2,CP1                             | 0 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | TAIYO YUDEN                                                               | EMK1078B1106MA-T     | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | TDK                                                                       | C1608X5R1C106M080AB  | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-79461            | A MC059857                                  | CAP CER 0.1uF 50V 10% X7R AEC-Q200 0402                     | 0               | 2     | C79,C86                               |       |                   |                              | Production                             | Missing Info       | Production      |
|       | MURATA                                                                    | GCM155R71H104KE02    | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | MURATA                                                                    | GCM155R71H104KE02D   | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | TAIYO YUDEN                                                               | UMK105R7104KVHF      | Active                                      | Alternate                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
|       | TDK                                                                       | CGA2B3X7R1H104K0508B | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-79925            | A MC057726                                  | CAP CER 4700pF 10V 10% X7R 0402                             | 0               | 2     | C12,C26                               |       |                   |                              | Production                             | Missing Info       | Production      |
|       | KEMET                                                                     | C0402C472K8RAC       | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-80120            | A MC056640                                  | CAP CER 10uF 10V 20% X7R 0603                               | 0               | 4     | C75,C77,C82,C84                       |       |                   |                              | Production                             | Missing Info       | Production      |
|       | MURATA                                                                    | GRM188271A106MA73    | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-80276            | A MC057727                                  | CAP CER 0.22uF 35V 10% X7R AEC-Q200 0402                    | 0               | 4     | C76,C78,C83,C85                       |       |                   |                              | Production                             | Missing Info       | Production      |
|       | TDK                                                                       | CGA2B1X7R1V224K0508C | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 150-81001            | A ECO119681                                 | CAP FILTER EMI 0.1uF 10V 20% -- 0402                        | 0               | 8     | C3,C8-C10,C15,C28,C32,C43             |       |                   |                              | Production                             | Missing Info       | Production      |
|       | MURATA                                                                    | NFM15PC104R1A3D      | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 180-77771            | A1 MC034876                                 | IND FER BEAD 120 OHM@100MHZ 0.5A 25% 0402                   | 0               | 1     | L1                                    | 1 0   |                   |                              | Production                             | Missing Info       | Production      |
|       | MURATA                                                                    | BLM15AG1215N1D       | ROHS Active                                 | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 180-78352            | A ECO56730                                  | IND FER BEAD 120OHM@100MHZ 3A 25% AEC-Q200 0603             | 0               | 4     | L9,L11,L20,L21                        |       |                   |                              | Production                             | Missing Info       | Production      |
|       | MURATA                                                                    | BLM18KG121T1Z1       | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 210-80732            | A MC055481                                  | HDR 1X3 TH 2.54MM SP 344H AU 118L                           | 0               | 3     | P11,P12,P14                           |       |                   |                              | Production                             | Missing Info       | Production      |
|       | WURTH ELEKTRONIK ESOS GMBH & CO. KG (ELECTRONIC & ELECTROMECHANICAL COMP) | 61300311121          | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 210-81266            | A MC054743                                  | HDR 1X1 TH -- 344H AU 118L                                  | 0               | 1     | P13                                   |       |                   |                              | Production                             | Missing Info       | Production      |
|       | WURTH ELEKTRONIK ESOS GMBH & CO. KG (ELECTRONIC & ELECTROMECHANICAL COMP) | 61300111121          | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 210-81528            | A MC059084                                  | TEST POINT BLACK LOOP TERMINAL 39 MIL DRILL 130 MIL T H 94L | 0               | 1     | TP8                                   |       |                   |                              | Production                             | Missing Info       | Production      |
|       | Vero Technologies Ltd                                                     | 20-2137              | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 211-76642            | A MC034880                                  | TEST POINT PAD 30MIL DIA SMT, NO PART TO ORDER              | 0               | 6     | TP275-TP280                           | 0 0   |                   |                              | Production                             | Missing Info       | Production      |
| 2     | CADPart                                                                   | 211-79068            | A MC034855                                  | TEST POINT PAD 50MILS SQ SMT NO PART TO ORDER               | 0               | 1     | TP7                                   |       |                   |                              | Production                             | Missing Info       | Production      |
| 2     | CADPart                                                                   | 211-80225            | A MC054373                                  | CON 1X7 CRIMP RA SMT 1.25MM SP 173H SN                      | 0               | 1     | P6                                    |       |                   |                              | Production                             | Missing Info       | Production      |
|       | JST MFG. CO                                                               | SM07B-GHS-TB(LF)(SN) | Active                                      | Preferred                                                   |                 |       |                                       |       |                   |                              |                                        |                    |                 |
| 2     | CADPart                                                                   | 211-80226            | A MC054195                                  | CON 1X4 CRIMP SMT RA 1.25MM SP 173H SN                      | 0               | 4     | P5,P7-P9                              |       |                   |                              | Production                             | Missing Info       | Production      |

| Level                           | Subclass                | Number                   | Rev                                         | Description                                            | Find Num        | Qty   | Ref Des                                     | Sites | PLC Code/PAO Code | Assembly Flow ID / Pack Slip | Lifecycle Phase / Item Lifecycle Phase | Overall Compliance | Lifecycle Phase |
|---------------------------------|-------------------------|--------------------------|---------------------------------------------|--------------------------------------------------------|-----------------|-------|---------------------------------------------|-------|-------------------|------------------------------|----------------------------------------|--------------------|-----------------|
| Mfr Name - Location / Mfr. Name |                         | Mfr. Part Number         | Mfr Part Status / Mfr. Part Lifecycle Phase | Preferred Status                                       | Reference Notes | Sites |                                             |       |                   |                              |                                        |                    |                 |
|                                 | JST MFG. CO             | SM04B-GHS-TB(LF)(SN)     | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 211-80321                | A MCD49751                                  | CON 1X2 CRIMP SMT 1.25MM SP 159H SN                    | 0               | 1     | P10                                         |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | JST MFG. CO             | BM02B-GHS-TBT(LF)(SN)(N) | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 230-78516                | A ECO138487                                 | XTAL BMHZ SER - SMT                                    | 0               | 1     | Y1                                          |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | DIODES INC              | FY080057Q                | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 312-81751                | A MCO57246                                  | IC-TRANSLATING XCVR DUAL BIT/SUPPLY TS 1.2-5.5V VSSQ8B | 0               | 2     | ICS,IC11                                    |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | Nexperia                | 74LVC2T45DC              | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 312-82303                | A MCO61093                                  | IC XCVR HIGH SPEED CAN 4.5-5.5V AEC-Q100 HVSON14       | 0               | 2     | U2,U5                                       |       |                   |                              | Development                            | Missing Info       | Development     |
|                                 | NXP SEMICONDUCTORS      | TJA1463ATK/02            | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 315-80587                | A MCO56563                                  | IC LIN VREG LDO 3.3V 500MA 2.5-12V MLF6                | 0               | 1     | IC7                                         |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | MICREL                  | MICS219-3.3YML           | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 315-82718                | A ECO119644                                 | IC PLUG AND TRUST SECURE ELEMENT 1.62-3.6V HX2QFN20    | 0               | 1     | IC3                                         |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | NXP SEMICONDUCTORS      | SE050C1HQ1J201SCZ        | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 344-Q2438                | A MCO57244                                  | IC MCU 32BIT 112MHz 1Mb FLASH 2.7V/5.5V LQFP64         | 0               | 1     | IC1                                         |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | NXP SEMICONDUCTORS      | FS12K146UAT0VLHT         | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 370-76713                | A ECO69219                                  | LED BLU SGL 2mA 0603                                   | 0               | 1     | LED5                                        |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | KINGBRIGHT              | APT160BLVBC/D            | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 370-76729                | A MCD46440                                  | LED TRI RED/GRN/BLU 25MA 1.75-2.95V SMT                | 0               | 1     | LED1                                        |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | LUMEX                   | SML-LX0404SIUPGUSB       | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-75360                | A1 MCO34880                                 | RES MF 49.9 OHM 1/16W 1% 0402                          | 0               | 4     | R1,R2,R7,R12                                |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|                                 | BOURNS                  | CR0402-FX-49R9GLF        | Active                                      | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | THYE MING TECH CO LTD   | CR02FL6-49R9             | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VENKEL COMPANY          | CR040216W49R9FT          | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | WALSIN TECHNOLOGY CORP. | WR04X49R9FTL             | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | Yageo                   | RC0402FR-0749R9L         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-75394                | A1 MCO54665                                 | RES MF 220 OHM 1/16W 5% 0402                           | 0               | 6     | R41,R46,R99,R101,R102,R106                  |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|                                 | BOURNS                  | CR0402-1J-000GLF         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | KOA SPEER               | RK73121ETTP              | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | PANASONIC               | ERJ2GD0R00X              | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | ROHM                    | MCR01M2P1000             | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SEI ELECTRONICS INC     | RMCF1J1650.005%R         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SKYMO5                  | RC-0402-0000T            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SMEC                    | RC73P32F                 | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | THYE MING TECH CO LTD   | CR-02JL6---0R            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VENKEL COMPANY          | CR0402-16W-000T          | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | WALSIN TECHNOLOGY CORP. | WR04X000_PTL             | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | YAGEO AMERICA           | RC0402JR-070RL           | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-75416                | B MCO54196                                  | RES MF 10.0K 1/16W 1% AEC-Q200 0402                    | 0               | 5     | R8,R9,R11,R22,R104                          |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|                                 | KOA SPEER               | RK73H1ETTP1002F          | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | KOA SPEER               | RK73H1ETTP1.1002F        | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VIKING COMPONENTS       | CR-02FL6---10K           | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VISHAY INTERTECHNOLOGY  | CRCW040210K0FKED         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-75597                | A MCD45939                                  | RES MF 100K 1/16W 5% 0402                              | 0               | 22    | R14-R17,R21,R26,R36,R53,R55-R61,R63-R68,R76 |       |                   |                              | Production                             | Missing Info       | Production      |
|                                 | SMEC                    | RC73L2Z104JTF            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VENKEL COMPANY          | CR0402-16W-104JT         | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | WALSIN TECHNOLOGY CORP. | WR04X104JTL              | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-75613                | A1 MCO34854                                 | RES MF 330 OHM 1/16W 5% 0402                           | 0               | 2     | R28,R100                                    |       | 1 0               |                              | Production                             | Non-Compliant      | Production      |
|                                 | BOURNS                  | CR0402-JW-331GLF         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | KOA SPEER               | RK73B1ETTP331J           | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SMEC                    | RC73L2Z331JTF            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VENKEL COMPANY          | CR040216W331JT           | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VISHAY INTERTECHNOLOGY  | CRCW0402330RJNEA         | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VISHAY INTERTECHNOLOGY  | CRCW0402330RJNED         | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | WALSIN TECHNOLOGY CORP. | WR04X331_JTL             | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | YAGEO AMERICA           | RC0402JR-07330RL         | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-76037                | A1 MCO61702                                 | RES MF 1.0K 1/16W 1% 0402                              | 0               | 2     | R10,R80                                     |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|                                 | BOURNS                  | CR0402-FX-1001GLF        | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | THYE MING TECH CO LTD   | CR-02FL6---1K            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | VISHAY                  | CRCW04021K00FKEDC        | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | WALSIN TECHNOLOGY CORP. | WR04X1001FTL             | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | YAGEO AMERICA           | RC0402FR-071KL           | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-76064                | A MCO36300                                  | RES MF 3.3K 1/16W 5% 0402                              | 0               | 7     | R5,R6,R27,R39,R40,R43,R103                  |       | 0 0               |                              | Production                             | Missing Info       | Production      |
|                                 | BOURNS                  | CR0402-JW-332GLF         | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SMEC                    | RC73L2Z332JTF            | ROHS Active                                 | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | YAGEO AMERICA           | RC0402JR-073KL           | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-76132                | A MCO34872                                  | RES MF 6.8K 1/16W 5% 0402                              | 0               | 3     | R18-R20                                     |       | 0 0               |                              | Production                             | Missing Info       | Production      |
|                                 | BOURNS                  | CR0402-JW-682GLF         | Active                                      | Alternate                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
|                                 | SMEC                    | RC73L2Z682JTF            | ROHS Active                                 | Preferred                                              |                 |       |                                             |       |                   |                              |                                        |                    |                 |
| ..2                             | CADPart                 | 470-80881                | A MCD4905                                   | RES MF 10K 1/5W 1% AEC-Q200 0402                       | 0               | 8     | R83-R86,R92-R95                             |       |                   |                              | Production                             | Missing Info       | Production      |

| Level | Subclass                        | Number               | Rev                                         | Description                                         | Find Num        | Qty   | Ref Des                                                      | Sites | PLC Code/PAO Code | Assembly Flow ID / Pack Slip | Lifecycle Phase / Item Lifecycle Phase | Overall Compliance | Lifecycle Phase |
|-------|---------------------------------|----------------------|---------------------------------------------|-----------------------------------------------------|-----------------|-------|--------------------------------------------------------------|-------|-------------------|------------------------------|----------------------------------------|--------------------|-----------------|
|       | Mfr Name - Location / Mfr. Name | Mfr. Part Number     | Mfr Part Status / Mfr. Part Lifecycle Phase | Preferred Status                                    | Reference Notes | Sites |                                                              |       |                   |                              |                                        |                    |                 |
|       | VISHAY INTERTECHNOLOGY          | CRCW040210K0FKEDHP   | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 480-79595            | A MCD42416                                  | DIODE 2CH CAN BUS ESD PROTECTOR 230W AEC-Q101 SOT23 | 0               | 2     | D9,D47                                                       |       |                   |                              | Production                             | Missing Info       | Production      |
|       | Nexperia                        | PESD2CAN,215         | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 480-79614            | A MCD42416                                  | DIODE TVS UNDIR 5V AEC-Q101 SOD882                  | 0               | 30    | D2-D5,D7,D10-D15,D17-D22,D24-D26,D28,D30-D33,D36-D38,D43,D48 |       |                   |                              | Production                             | Missing Info       | Production      |
|       | Nexperia                        | PESDVS01UL,315       | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 480-79688            | A MCD42494                                  | DIODE SCH RECT 2A 20V AEC-Q101 SMD                  | 0               | 8     | D1,D6,D8,D16,D23,D29,D34,D35                                 |       |                   |                              | Production                             | Missing Info       | Production      |
|       | Nexperia                        | PMEGD2020EPK,315     | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 510-78276            | A ECO107522                                 | SW TACTILE SPST-NO 0.02A 15V                        | 0               | 2     | SW1,SW3                                                      |       |                   |                              | Production                             | Missing Info       | Production      |
|       | PANASONIC                       | EVP-AA602W           | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 510-78381            | A ECO120172                                 | FUSE PTC 200mA 9V AEC-Q200 0805                     | 0               | 3     | F1-F3                                                        |       |                   |                              | Production                             | Missing Info       | Production      |
|       | BEL FUSE                        | 02CX0020FF2G         | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 150-75133            | A MCO53942                                  | CAP CER 100PF 100V 5% COG 0603                      | 1501            | 0     | C69-C72                                                      |       |                   |                              | Production                             | Missing Info       | Production      |
|       | AVX                             | 06031A101JAT2A       | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | KEMET                           | C0603C101J1GAC       | Active                                      | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | VENKEL COMPANY                  | C0603C0G101-101JNE   | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 210-76752            | A MCO61340                                  | HDR 1X2 TH 100MIL SP 338H SN 115L                   | 2101            | 0     | JP1                                                          |       | 0 0               |                              | Production                             | Missing Info       | Production      |
|       | SAMTEC                          | T5W-102-23-T-5       | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 210-79433            | A1 MCO59910                                 | HDR 1X8 TH 100MIL SP 267H AU 118L                   | 2102            | 0     | P1                                                           |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | MILL-MAX MANUFACTURING CORP     | 800-10-008-10-002000 | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 210-30067            | A1 MCO34897                                 | HDR 1X6 TH 100MIL SP 408H AU                        | 2103            | 0     | P2                                                           |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | TYCO ELECTRONICS                | 5-146276-6           | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 210-75674            | A1 MCO60825                                 | HDR 1X4 TH 100MIL SP 374H AU 98L                    | 2104            | 0     | P3,P4                                                        |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | MOLEX                           | 90120-0924           | Active                                      | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | TYCO ELECTRONICS                | 826629-4             | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 470-78243            | A1 MCO34845                                 | RES MF 60.4 OHM 1/4W 1% 1206                        | 4701            | 0     | R3,R4,R23,R24                                                |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | VISHAY INTERTECHNOLOGY          | CRCW120660R4FKEA     | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 470-75394            | A1 MCO54665                                 | RES MF ZERO OHM 1/16W 5% 0402                       | 4702            | 0     | R42,R44                                                      |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | BOURNS                          | CR0402-J/-000GLF     | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | KOA SPEER                       | 8K73Z1ETTP           | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | PANASONIC                       | ERJ2GE0R00X          | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | ROHM                            | MCR01MZPJ000         | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | SEI ELECTRONICS INC             | RMCF1J1650.005NR     | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | SKYMOS                          | RC-0402-0000T        | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | SMEC                            | RCT3JP22F            | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | THYE MING TECH CO LTD           | CR-02JL6---0R        | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | VENKEL COMPANY                  | CR0402-16W-000T      | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | WALSIN TECHNOLOGY CORP.         | WR04X000_PTL         | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | YAGEO AMERICA                   | RC0402JR-070RL       | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 470-80881            | A MCD44905                                  | RES MF 10K 1/5W 1% AEC-Q200 0402                    | 4703            | 0     | R82,R87-R89,R91,R96-R98                                      |       |                   |                              | Production                             | Missing Info       | Production      |
|       | VISHAY INTERTECHNOLOGY          | CRCW040210K0FKEDHP   | Active                                      | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..2   | CADPart                         | 470-30000            | B MCO45174                                  | RES MF 1.0M 1/16W 1% AEC-Q200 0402                  | 4704            | 0     | R105                                                         |       | 1 0               |                              | Production                             | Missing Info       | Production      |
|       | KOA SPEER                       | 8K73H1ETTP1004F      | ROHS Active                                 | Alternate                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | VISHAY INTERTECHNOLOGY          | CRCW04021M00FKED     | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
| ..1   | Part                            | 211-79847            | A MCO38416                                  | SHUNT--0.1IN SP JMPR -- AU BLACK                    | 1005            | 1     |                                                              |       | 0 0               |                              | Production                             | Compliant          | Production      |
|       | HARWIN INC                      | M7582-05             | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |
|       | SAMTEC                          | SNT-100-BK-G         | ROHS Active                                 | Preferred                                           |                 |       |                                                              |       |                   |                              |                                        |                    |                 |